

Tables (supplementary data)

Table S1: Summary of final shifts and ADAMTS13 activities for 8 plasma samples of healthy donors, acute iTPP patients, Hemolytic Uremic Syndrome (HUS) patients and sepsis patients with known *Staphylococcus aureus* bacteremia before treatment. ADAMTS13 activity below the diagnostic cut-off value of 10%, indicated as <10%, confirms TTP disease.

Sample ID	Final shift (nm)	FO-SPR ADAMTS13 activity (%)	FRETS-VWF73 activity (%)
HD 1	6.4	55	75
HD 2	7.5	68	76
HD 3	7.5	67	84
HD 4	8.4	78	88
HD 5	6.1	52	75
HD 6	6.5	55	72
HD 7	8.6	81	101
HD 8	7.8	70	92
iTPP 1	-1.3	<10%	<10%
iTPP 2	-1.8	<10%	<10%
iTPP 3	-1.6	<10%	<10%
iTPP 4	-0.5	<10%	<10%
iTPP 5	2.5	<10%	<10%
iTPP 6	0.3	<10%	<10%
iTPP 7	-1.7	<10%	<10%
iTPP 8	2.5	<10%	<10%
HUS 1	13.8	70	52
HUS 2	16.6	102	81
HUS 3	11.3	49	27
HUS 4	11.9	54	75
HUS 5	7.7	28	57
HUS 6	8.6	32	48
HUS 7	13.9	107	145
HUS 8	7.3	26	41
Sepsis 1	5.9	33	22

Sepsis 2	7.4	44	42
Sepsis 3	2.9	14	12
Sepsis 4	5.6	31	45
Sepsis 5	6.7	38	46
Sepsis 6	6.4	36	52
Sepsis 7	5.3	29	30
Sepsis 8	5.8	32	38